

IN THE CLAIMS:

Please amend the claims as follows. The claims are in the format as required by 35 C.F.R. § 1.121.

1. (Currently Amended) A transaction management system comprising:
 - a server application that hosts a transaction comprising two or more sessions;
 - a network;
 - a client application connected in a communicating relationship with the server application over the network, and the client application participating in the transaction hosted by the server application; and
 - a filter application operating between the server application and the client application to capture data associated with the transaction and processes the captured data to associate the data captured during each of the two or more sessions with the transaction, wherein the captured data includes data captured in two or more sessions, and preprocessed data passing between the server application and the client application and any preprocessed data passing between the client application and one or more additional server applications.
2. (Previously Presented) The transaction management system of claim 1 further comprising:
 - a client computer upon which the client application resides;
 - a server computer upon which the server application resides; and
 - wherein the filter application resides on the server computer.
3. (Currently Amended) The transaction management system of claim 1 further comprising a second server application of the one or more additional server applications connected in a communicating relationship with the server application that hosts the transaction and further connected in a communicating relationship with the client application, wherein the filter application captures transaction data passed from the server application to the second server application to the client application.
4. (Previously Presented) The transaction management system of claim 1 further comprising a document repository that stores data captured by the filter application, wherein the

data is indexed according to at least one of a transaction type, a transaction party, a transaction time, or a transaction identifier.

5. (Cancelled)
6. (Previously Presented) The transaction management system of claim 1 further comprising a document repository that stores unstructured data captured by the filter application, the unstructured data including data having a plurality of formats.
7. (Previously Presented) The transaction management system of claim 4 further comprising a viewer for viewing the captured transaction [unstructured] data stored in the document repository.
8. (Previously Presented) The transaction management system of claim 7 wherein the captured transaction data includes a record of a transaction between the server application and the client application.
9. (Previously Presented) The transaction management system of claim 1 wherein the preprocessed data includes at least one of facsimile data, print stream data, application document data, hypertext transfer protocol data, graphics data, and audio data.
10. (Previously Presented) The transaction management system of claim 1 wherein the filter application is configured to begin capture upon occurrence of a first predetermined events, and further wherein the filter application is configured to stop capture upon occurrence of a second predetermined events.
11. (Cancelled)
12. (Original) The transaction management system of claim 1 further comprising a configuration interface with which a user selects data to be captured during the transaction.
13. (Currently Amended) A method for managing transactions conducted over a network comprising:

detecting a first event;

in response to the first event, initiating a capture of data communicated between a client application and a server application as the data is communicated between the client application and the server application, wherein the captured data includes data captured during two or more sessions and preprocessed data and any preprocessed data passing between the client application and one or more additional server applications;

detecting a second event;

in response to detection of the second event, stopping the capture of the data communicated between the client application and the server application;

processing the captured data to associate the data captured during each of the two or more sessions with a transaction; and

storing the captured data.

14. (Original) The method of claim 13 wherein storing the captured data is performed after detecting the second event.

15. (Previously Presented) The method of claim 13 further comprising retrieving the captured data and displaying the captured data in its preprocessed form.

16. (Original) The method of claim 13 wherein the captured data includes a hypertext transfer protocol session.

17. (Previously Presented) The method of claim 16 further comprising:

capturing a form from the server application;

capturing data relating to the form from the client application; and

storing the data relating to the form from the client application in the form as one or more default values of the form.

18. (Previously Presented) The method of claim 13 further comprising in response to the first event, initiating capture of data communicated between the client application and a third-party provider of content.

19. (Original) The method of claim 17 wherein the content includes at least one of banner advertisements or price quotations.

20. (Previously Presented) The method of claim 13 wherein the first event includes navigation by the client application to one or more predetermined addresses and wherein the second event includes navigation by the client application to one or more predetermined addresses.

21. (Cancelled)

22. (Previously Presented) The method of claim 13 further comprising:
configuring the first event and the second event to correspond to one or more predetermined universal resource locators; and
configuring one or more attributes by which the data is indexed.

23. (Cancelled)

24. (Previously Presented) The method of claim 13 further comprising configuring the capture of data to include a portion of the data communicated between the client application and the server application, the portion being less than all of the data communicated between the client application and the server application.

25. (Previously Presented) The method of claim 13 wherein the data communicated between the client application and the server application includes data relating to an electronic commerce transaction between the client application and the server application.

26. (Cancelled)

27. (Currently Amended) A method for managing transactions comprising:
processing an electronic commerce transaction between a client application and a server application; and
capturing data for the electronic commerce transaction between the server application and the client application and any data passing between the client application and one or more additional server applications as the data passes between the client application and the server application or one or more additional server applications,
wherein the captured data includes data captured during two or more sessions, the captured data is processed to associate the data captured during each of the two or more sessions with a transaction and the data is captured in a form that permits review of the transaction as displayed during the transaction.
28. (Previously Presented) The method of claim 27 further comprising:
initiating capture of the transaction data upon a first event occurring;
ending capture of the transaction data upon a second event occurring;
storing the electronic commerce transaction in a document repository; and
providing a viewer for reviewing the transaction stored in the document repository.
29. (Previously Presented) The method of claim 27 wherein the capturing of data is performed by a filter application that resides on a client system and the filter application operates as a proxy to the server that hosts the electronic commerce transaction.
30. (Previously Presented) The method of claim 27 wherein the filter resides on a second server, the second server operating as a proxy to a server that hosts the electronic commerce transaction.
31. (Previously Presented) The method of claim 28 wherein access to the document repository is provided as a service to at least one of the client application or the server application and wherein one or more types of data are included in the capture of the transaction data.

32. (Previously Presented) The method of claim 27 further comprising using the captured electronic commerce transaction to verify the transaction after the transaction has been completed.

33. (Currently Amended) A transaction management system comprising:
a server application that hosts a transaction;
a client application in communication with the server application over a network, thereby forming a communication path between the client application and server application, wherein the client application is participating in the transaction hosted by the server application; and
a filter application operable to capture data associated with the transaction as the data passes between the server application and the client application or between the client application and one or more additional server applications; and
process the captured data to associate the data captured with the transaction, wherein the data was captured during two or more sessions.

34. (Previously Presented) The system of Claim 33, wherein the data captured by the filter application is preprocessed data.

35. (Previously Presented) The system of Claim 33, wherein the filter application is in the communication path between the client application and the server application.

36. (Currently Amended) A transaction management system comprising:
a server application;
one or more additional server applications;
a network;
a client application connected via a communication path with the server application over the network, wherein the client application participates in a transaction with the server application that involves passing data between the client application and the server application or the one or more additional server applications; and
a filter application in the communication path between the server application, the one or more additional server applications, and the client application, wherein the filter application captures the transaction data passing between the client application and the server application

or one or more additional server applications and processes the captured data to associate the data captured during each of two or more sessions with the transaction.

37. (Previously Presented) The system of Claim 36, wherein the transaction data can pass between the client application and the server application and between the server application and the client application, wherein the filter application captures transaction data passing from the client application to the server application after the client application sends the transaction data to the server application and before the transaction data arrives at the server application and the filter application captures transaction data passing from the server application to the client application after the server application sends the transaction data to the client application and before the transaction data arrives at the client application.
38. (Previously Presented) The system of Claim 36, further comprising:
 - a client computer upon which the client application resides;
 - a server computer upon which the server application resides; and
 - wherein the filter application resides on either the client computer or the server computer.
39. (Previously Presented) The system of Claim 36, wherein the captured transaction data includes preprocessed data that is processed at the server application if the transaction data is sent from the client application to the server application or is processed at the client application if the transaction data is sent from the server application to the client application.
40. (Previously Presented) The system of Claim 36, wherein the filter application captures the transaction data in response to a trigger.
41. (Previously Presented) The system of Claim 36, wherein the filter application evaluates the transaction data prior to capturing the transaction data.
42. (Previously Presented) The system of Claim 41, wherein based on the evaluation, the filter application only captures a portion of the transaction data.

43. (Currently Amended) A method for managing transactions conducted over a network comprising:

initiating a capture of preprocessed transaction data communicated between a client application and a server application or one or more additional server applications as the data is communicated between the client application and the server application;

stopping the capture of the preprocessed data communicated between the client application and the server application;

processing the captured data to associate the captured data with the transaction, wherein the captured data includes data captured during two or more sessions; and
storing the captured data.

44. (Previously Presented) The method of Claim 43, further comprising storing the captured transaction data in a database, and wherein the capture transaction data comprises a record of the transaction between the client application and the server application.

45. (Previously Presented) The method of Claim 44, wherein the stored data comprises data evidencing authentication of the transaction by a user using the client application.

46. (Currently Amended) A transaction management system comprising:

a server application;

one or more additional server applications;

a network;

a client application connected via a communication path with the server application over the network, wherein the client application participates a transaction with the server application that involves passing data between the client application and the server application or the one or more additional server applications; and between the server application or the one or more additional server applications; and the client application; and

a filter application in the communication path between the server application and the client application, wherein the filter application captures the transaction data passing in either direction between the client application and the server application or one or more additional server applications; and processes the captured data to associate the captured data with the transaction, wherein the captured data includes data captured during two or more sessions.

47. (Previously Presented) The system of Claim 46, wherein the captured transaction data includes preprocessed data that is subsequently processed at the server application when the transaction data is sent from the client application to the server application and that is subsequently processed at the client application when the transaction data is sent from the server application to the client application.

48. (Previously Presented) The system of Claim 47, wherein the transaction data includes data evidencing authentication of the transaction.

49. (Previously Presented) The system of Claim 48, wherein the transaction is an electronic commerce transaction and wherein the network is the Internet.

50. (Currently Amended) A method of managing transaction data, comprising:
initiating a transaction between a server application and a client application over a network;

passing transaction data between the client application and the server application or one or more additional server applications and between the server application and the client application or the one or more additional server applications and the client application;

capturing the transaction data as the transaction data passes between the client application and the server application or the one or more additional server applications wherein the captured data includes data captured during two or more sessions; and

processing the captured data to associate the captured data with the transaction.

51. (Previously Presented) The method of Claim 50, further comprising:
processing a first portion of the transaction data at the server application, wherein the first portion of the transaction data is sent from the client application to the server application;

processing a second portion of the transaction data at the client application, wherein the second portion of the transaction data is sent from the server application to the client application.

52. (Previously Presented) The method of Claim 50, wherein the captured transaction data includes data evidencing authentication of the transaction.

53. (Previously Presented) The method of Claim 50, wherein the transaction is an electronic commerce transaction and wherein the network is the Internet.

54. (Previously Presented) The system of Claim 1, wherein each of the two or more sessions occurs at a different time.

55. (Previously Presented) The system of Claim 1, wherein the filter application is operable to associate an electronic document with the transaction, wherein the electronic document is an electronic version of a paper document associated with the transaction.

56. (Previously Presented) The system of Claim 10, wherein the first event is an interaction with the client application.

57. (Previously Presented) The system of Claim 56, wherein no data is captured before occurrence of the first event.

58. (Previously Presented) The system of Claim 1, wherein the captured data includes data passing between a second server application and the client application, the second server application distinct from the server application.

59. (Previously Presented) The system of Claim 58, wherein the server application is controlled by a first party and the second server application is controlled by a second part not controlled by the first party.

60. (Previously Presented) The system of Claim 1, wherein the captured data includes a GET command from the client application to the server application, the transmission of an HTML object from the server application to the client application and a set of requests from the client application to fetch additional objects referenced by the HTML object.

61. (Previously Presented) The method of Claim 13, wherein each of the two or more sessions occurs at a different time.

62. (Previously Presented) The method of Claim 13, wherein no data is captured before occurrence of the first event.

63. (Previously Presented) The method of Claim 62, wherein the first event is an interaction with the client application.

64. (Previously Presented) The method of Claim 13, further comprising associating an electronic document with the transaction, wherein the electronic document is an electronic version of a paper document associated with the transaction.

65. (Previously Presented) The method of Claim 18, wherein the third-party provider is distinct from the server application.

66. (Previously Presented) The method of Claim 13, wherein the captured data includes a GET command from the client application to the server application, the transmission of an HTML object from the server application to the client application and a set of requests from the client application to fetch additional objects referenced by the HTML object.

67. (Previously Presented) The system of Claim 36, wherein each of the two or more sessions occurs at a different time.

68. (Previously Presented) The system of Claim 40, wherein the trigger is an interaction with the client application.

69. (Previously Presented) The system of Claim 68, wherein no data is captured before occurrence of the trigger.

70. (Previously Presented) The system of Claim 36, wherein the filter is operable to associate an electronic document with the transaction, wherein the electronic document is an electronic version of a paper document associated with the transaction.

71. (Previously Presented) The system of Claim 36, wherein the captured data includes a GET command from the client application to the server application, the transmission of an

HTML object from the server application to the client application and a set of requests from the client application to fetch additional objects referenced by the HTML object.

72. (Currently Amended) A method for managing transactions conducted over a network comprising:

transmitting an object from a server application to a client application in response to a request from the client application;

detecting a first interaction with the object at the client application;

in response to the first interaction, initiating a capture of data communicated to the client application and from the client application from the server application or one or more additional server applications after the data is sent from the client application and before data is received at the client application, wherein no data is captured before the first interaction;

detecting a second event; and

in response to detection of the second event, stopping the capture of the data communicated to the client application or from the client application.

73. (Currently Amended) A method for managing transactions conducted over a network comprising:

detecting a first event;

in response to the first event, initiating a capture of data communicated between a client application and a server application or one or more additional server applications as the data is communicated between the client application and the server application or the one or more additional server applications, wherein the captured data includes preprocessed data;

detecting a second event;

in response to detection of the second event, stopping the capture of the data communicated between the client application and the server application or the one or more additional server applications;

storing the captured data; and

associating an electronic document with the transaction, wherein the electronic document is an electronic version of a paper document associated with the transaction.

74. (Currently Amended) A method for managing transactions conducted over a network comprising:

transmitting an object from a first server application to a client application in response to a request from the client application;

detecting an a first interaction with the object at the client application;

in response to the first interaction, initiating a capture of data communicated to the client application from the first server application or a second server application and data communicated from the client application to the first server application or the second server application after the data is sent from the client application and before data is received at the client application, wherein the captured data includes data sent to the first application and a the second server application and wherein the second server application is distinct from the first server application;

detecting an event; and

in response to detection of the second event, stopping the capture of the data communicated to the client application or from the client application.

75. (Previously Presented) The method of Claim 75, wherein the first server application is controlled by a first party and the second server application is controlled by a second party different from the first party.